Natural Nucleus Error Messages NAT3401-NAT3450

NAT3401: NAT object STOWed for :1: but executed under :2:.

Text	NAT object STOWed for .1. but executed under .2..
Expl.	The DBid used when stowing the Natural object is assigned to database type .1. but at runtime this DBid is assigned to database type .2.
Actn.	The DBid used at stow time and at runtime must be assigned to the same database type.

NAT3408: No SESAM handler available.

Text	No SESAM handler available.
Expl.	SESAM has been defined to be handled by a specific handler. However, the handler specified has not been link edited to the Natural system or is not available.
Actn.	Relink Natural or start correct SESAM database handler.

NAT3415: VPSIZE buffer is too small.

Text	VPSIZE buffer is too small.
Expl.	The VPSIZE buffer is used by the Natural Active View. This buffer is too small to process the current access to the View Program. This may be because: - the client's view contains too many fields or too large fields, or - the search criterion in the WHERE clause is too complex.
Actn.	Either increase VPSIZE or reduce number/length of fields.

NAT3416: Communication error between Client and Active View.

Text	Communication error between Client and Active View.
Expl.	A general communication error occurred. The protocol between client and Active View wasn't processed properly. The communication was cancelled.
Actn.	Try to establish communication again.

NAT3417: Internal planning error in Natural Active View (sc=:1:).

Text	Internal planning error in Natural Active View (sc=...).
Expl.	The planning phase which runs before each access to a View Program returned an error. This is an internal error which cannot be avoided by user action.
Actn.	Report error to Software AG.

NAT3418: Internal runtime error in Natural Active View (sc=:1:).

Text	Internal runtime error in Natural Active View (sc=...).
Expl.	An error occurred during the processing of a View Program. This is an internal error that cannot be avoided by user action.
Actn.	Report this error to Software AG.

NAT3419: Error during data transfer with a PROCESS stmt. in block.

Text	Error during data transfer with a PROCESS statement in a block.
Expl.	Internal error during data transfer between Natural local data area and the database call.
Actn.	Report this error to Software AG.

NAT3420: Required View Program is not available.

Text	Required View Program is not available.
Expl.	The required View Program as specified in the DDM cannot be accessed for one of the following reasons: - the View Program does not exist; or - the library is wrong; or - the FUSER is wrong.
Actn.	Re-generate the DDM from the View Program using the utility described in the Natural Active View manual.

NAT3421: Undefined action specified in client program.

Text	Undefined action specified in client program.
Expl.	The action specified in the PROCESS statement in the client program has not been defined in the ACTIONS clause of the View Program.
Actn.	Check the action name in the client program, or define the action in the View Program.

NAT3422: Action type mismatch between client and View Program.

Text	Action type mismatch between client and View Program.
Expl.	The action type of the action in the PROCESS statement in the client program does not match the action type specified with this action in the ACTIONS clause of the View Program.
Actn.	Make sure that the type matches and restart the program.

NAT3423: Allocation of VPSIZE buffer failed.

Text	Allocation of VPSIZE buffer failed.
Expl.	The VPSIZE buffer used by Natural Active View could not be allocated. The buffer is allocated when Natural is started.
Actn.	Decrease the size of the other buffers.

NAT3424: Memory for planning exhausted.

Text	Memory for planning exhausted.
Expl.	The VPSIZE buffer did not provide enough memory to perform planning for the current Active View request.
Actn.	Increase VPSIZE or reduce the complexity of the request.

NAT3425: Mismatch between DDM and View Program.

Text	Mismatch between DDM and View Program.
Expl.	The data defined in the DEFINE VIEW/DEFINE SERVER statement of the View Program no longer matches the DDM generated from it. This may because: - an additional field has been inserted, or - a field has been deleted, or - the sequence of the fields has been changed, or - the format of a field has been changed.
Actn.	Re-generate the DDM from the View Program using the utility described in the Natural Active View manual.

NAT3426: Required field not present in client view.

Text	Required field not present in client view.
Expl.	A field included in the REQUIRES subclause of the ACTION clause in the View Program is not included in the client's view which is used with the PROCESS statement in the client program.
Actn.	Add required field to the client view.

NAT3427: Error during data transfer between client and Active View

Text	Error during data transfer between client and Active View
Expl.	The data transfer between the Active View request structure and the data fields defined in DEFINE VIEW/DEFINE SERVER failed. This may result from a mismatch between the DDM used by the client and the interface definition of the View Program.
Actn.	Recatalog the View Program. Regenerate the DDM from the View Program with the utility described in the Natural Active View documentation and recatalog the client program.

NAT3428: Communication error with DEST=NET.

Text	Communication error with DEST=NET.
Expl.	An error occurred in the communication between the client and the Active View when the destination was specified as NET. The session in which the View Program is running reached the NEXT line without being closed by the client.
Actn.	Contact Software AG.

NAT3429: Missing or illegal DDM.

Text	Missing or illegal DDM.
Expl.	The DDM used for the PROCESS request to an Active View is missing or invalid.
Actn.	Generate the DDM from the View Program using the utility described in the Natural Active View documentation.

NAT3431: Error in C heap management.

Text	Error in C heap management.
Expl.	The chain of memory blocks in heap storage is corrupt. This error may occur either during the planning of an Active View request or during a database access in the View Program.
Actn.	Contact Software AG. To circumvent the error, change the Active View request in the client program.

NAT3432: RUN command not allowed with View Programs.

Text	RUN command not allowed with View Programs.
Expl.	A View Program cannot be started by the RUN command, rather it must started implicitly by a PROCESS request from a client.
Actn.	Start View Program from a client.

NAT3433: Active View error: NAT:1: in :2:/:3:.

Text	Active View error: NAT:1: in :2:/:3:.
Expl.	An error occurred in a View Program while running in a dedicated session. This is the case with DEST=LOCAL or DEST=NET.
Actn.	Restart program.

NAT3434:

Text	Reserved for Natural Active View.

NAT3435: Search criterion too complex for Natural Active View.

Text	Search criterion too complex for Natural Active View.
Expl.	The search criterion associated with the PROCESS request in the client is too complex. This error is returned by the planning phase because of a memory overflow.
Actn.	Increase the size of the VPSIZE buffer, or (better) reduce the complexity of the search criterion.

NAT3436: Predefined action only allowed with action type 'X'.

Text	Predefined action only allowed with action type 'X'.
Expl.	If a predefined action (CREATE, REMOVE, GET, PUT) is used in a PROCESS statement to access an Active View, the associated type (TYPE=...) must be X (eXchange). Note that the default type is also X.
Actn.	Check and correct program.

NAT3437: Active View access with DEST=DEBUG.

Text	Active View access with DEST=DEBUG.
Expl.	This error indicates that the client program cannot be continued properly after a PROCESS request to an Active View. It occurs at runtime after a PROCESS request with action type A (Access) when destination DEBUG is specified and the given quantity is ALL or greater than one. Prior to this error, the Active View processed the whole loop without returning control to the client after each record. The body of the PROCESS loop in the client program can never be entered in this kind of process.

NAT3438: Error in sort handling.

Text	Error in sort handling.
Expl.	An error occurred in the explicit sort handling of an Active View. Explicit sorting is performed if the client requests a sort sequence via the ORDER BY clause and sorting cannot be performed by the underlying database. Possible reasons are: - sort module not linked, or - sort runs out of memory (too many or too large records).
Actn.	Link sort module or reduce number of records to be sorted.

NAT3439: Invalid destination.

Text	Invalid destination.
Expl.	An Active View accessed by a PROCESS statement with destination DEBUG cannot access other Active Views with destination LOCAL or NET.
Actn.	Define correct destination.

NAT3440: Duplicate Create.

Text	Duplicate Create.
Expl.	This error occurs in Natural Active View if the Active View receives a PROCESS request with action CREATE after instantiation has already been performed via CREATE.
Actn.	Delete the second CREATE or REMOVE the old instance before creating a new one.

NAT3441: Reset of *ERROR-NR is not allowed.

Text	Reset of *ERROR-NR is not allowed.
Expl.	You cannot reset *ERROR-NR inside the ON ERROR block of a View Program.
Actn.	Remove the resetting of *ERROR-NR.

NAT3442: Invalid destination mix.

Text	Invalid destination mix.
Expl.	You must not mix the destinations LOCAL and NET in PROCESS requests referring to the same Active View.
Actn.	Check and correct program.

NAT3443: View field not supplied.

Text	View field not supplied.
Expl.	A view field used in the search criterion of a PROCESS request to an Active View is not supplied by a block in the View Program.
Actn.	Add field to View Program.

NAT3444: I* field not supplied by View Program.

Text	I* field not supplied by View Program.
Expl.	The client view on an Active View contains an integrity field (I* field) but the View Program does not supply this integrity field.
Actn.	Add integrity field to View Program.

NAT3445: Modify action without surrounding PROCESS loop.

Text	Modify action without surrounding PROCESS loop.
Expl.	A PROCESS request with action type M (Modify) requires a surrounding PROCESS loop with action type A (Access). If this is not the case, no reference is given for the update.
Actn.	Supply surrounding loop.

NAT3446: Nested loop on the same view.

Text	Nested loop on the same view.
Expl.	You must not specify two nested PROCESS loops with both loops referring to the same view. This is because each view corresponds to one dedicated session and one session can only perform planning for one request at a time.
Actn.	Check and correct program.

NAT3450: SESAM Status :1: Sub-number :2: for command :3:

Text	SESAM Status ... Sub-number ... for command ...
Actn.	Please refer to SESAM documentation for information on SESAM status, sub-number and command received.